

AMENDMENTS TO THE SPECIFICATION

Please replace the third full paragraph on page 23 with the following rewritten paragraph:

For example, when the functional group is mercapto, disulfide or sulfide, a gold, platinum, silver or copper substrate is preferably selected. When the functional group is organic silane compound residue, acid anhydride residue or vinyl, a silicon substrate is preferably selected. When the functional group is carboxyl, a metal oxide substrate is preferably selected, and when the functional group is ~~-CNNG~~, a platinum substrate is preferably selected.

Please replace the last paragraph bridging pages 35 and 36 with the following rewritten paragraph:

Examples of the polymerization solvents which can be used for preparation by solution polymerization and suspension polymerization are ketone solvents such as acetone, methyl ethyl ketone and methyl isobutyl ketone; ester solvents such as ethyl acetate, cellosolve acetate, n-butyl acetate, isobutyl acetate, methyl cellosolve acetate and carbitol acetate; alcohol solvents such as methyl alcohol, ethyl alcohol, isopropyl alcohol, n-butyl alcohol, isobutyl alcohol, tert-butyl alcohol, sec-butyl alcohol, tert-amyl alcohol, 3-pentanol, octyl alcohol and 3-methyl-3-methoxybutanol; aromatic solvents such as benzene, toluene and xylene; and the like. Also there can be used fluorine-containing solvents such as CHF₂CF₂OCHF₂, (CF₃)₂CFOCH₃, CF₃CF₂CF₂OCH₃, CHF₂CF₂OCH₃, CF₃CF₂CH₂OCHF₂, CF₃CFHCF₂OCH₃, CHF₂CF₂OCH₂CF₃, CF₃CF₂CF₂CF₂OCH₃, CF₃CF₂CH₂OCF₂CHF₂, (CF₃)₂CHCF₂OCH₃, CF₃CFHCF₂OCH₂CF₃, CF₃CF₂CF₂CF₂OCH₂CH₃, CF₃CHFCF₂OCH₂CF₂CF₃,

CF₃CHFCH₂CH₂OCHF₂, CHF₂CF₂CH₂OCF₂CHF₂, CF₃CFHCF₂OCH₂CF₂CF₂H,
CHF₂CF₂CF₂CF₂CH₂OCH₃, C₆F₁₂, C₉F₁₈, C₆F₁₄, CF₃CH₂CF₂CH₃, CHF₂CF₂CF₂CHF₂,
(CF₃)₂CFCHFCHFCF₃, CF₃CHFCHFCF₂CF₃, (CF₃)₂CHCF₂CF₂CF₃, C₄H₂F₆, CF₃CF₂CHF₂,
CF₂ClCF₂CF₂CHF₂, CF₃CFCICFCICF₃, CF₂ClCF₂CF₂CF₂Cl, CF₂ClCF₂CF₂CF₂CF₂CHF₂,
CF₂ClCFCICFCICF₂Cl, HCFC-225, HCFC-141b, ~~CF₂ClCFCICFCICF₂Cl~~, CF₂ClCF₂Cl,
CF₂ClCFCI₂, H(CF₂)_nH (n is an integer of 1 to 20), CF₃O(C₂F₄O)_nCF₂CF₃ (n is 0 or an integer
of 1 to 10) and N(C₄F₉)₃.

Please replace the last paragraph bridging pages 56 and 57 with the following rewritten paragraph:

Examples of the organic solvent having a dipole moment of not less than 2.8 are, for instance, dimethylformamide (dipole moment = 3.82), acetonitrile (3.92), acetone (2.88), dimethylacetamide (3.81), dimethyl sulfoxide (3.96), hexamethyl phosphoramidate (5.39), N-methyl-2-pyrrolidone (4.09), tetramethylurea (3.47) and solvent mixtures of two or more thereof. From the viewpoint of high productivity of I-form crystal structures, a dipole moment of the organic solvent is preferably not less than 3.0, more preferably not less than 3.5, especially not less than 3.7.

Please replace the fourth full paragraph on page 90 with the following rewritten paragraph:

After completion of the reaction, the inside temperature of the system was decreased to 25°C and 20 ml of 1M sodium bicarbonate solution was added, followed by stirring for 30

minutes. Then acetic acid was added inside the system to make it acid. ~~The~~After the solution of reaction product was poured into 100 ml of 1N hydrochloric acid and zinc powder was removed by filtration, the solution of reaction product was poured into pure water for re-precipitation and was taken out. The solid reaction product was subjected to filtration and then vacuum drying in a desiccator until a constant weight was reached, and 2.3 g of product was obtained.

Please replace the fourth paragraph on page 94 with the following rewritten paragraph:

According to powder X-ray diffraction analysis of this VdF polymer having acryloyl group at its end, only a peak which was characteristic to I-form crystal structure was recognized and it was confirmed that the polymer was one containing all-I-form crystal structure and having acryloyl group ($-\text{OCOCH}=\text{CH}_2$) at its end (cf. Fig. 12).

Please replace the last paragraph bridging pages 97 and 98 with the following rewritten paragraph:

After completion of the reaction, the inside temperature of the system was decreased to 25°C and 20 ml of 1M sodium bicarbonate solution was added, followed by stirring for 30 minutes. Then acetic acid was added inside the system to make it acid. ~~The~~After the solution of reaction product was poured into 100 ml of 1N hydrochloric acid and zinc powder was removed by filtration, the solution of reaction product was poured into pure water for re-precipitation and was taken out. The solid reaction product was subjected to filtration and then vacuum drying in a desiccator until a constant weight was reached, and 2.4 g of product was obtained.

Please replace the second full paragraph on page 101 with the following rewritten paragraph:

The spin coating was carried out under the following condition by using the following equipment.

Coating condition:

Number of revolutions: 2,000 rpm

Equipment: MIKASA SPINCOATER 1H-D7 available from Mikasa

Kabushiki Kaisha

With respect to the obtained laminated article having VdF polymer thin film, a proportion of the VdF homopolymers having I-form crystal structure in the thin film was measured by IR analysis, it could be confirmed that the homopolymers were of all-I-form crystal structure type like the coated VdF polymer of I-form crystal structure having functional group at its end.

~~A cross cut test (JIS K5600) was carried out.~~